EQUIUM 7000S Series Specifications

PLATFORM	
SERIES NAME	**EQUIUM 7000S**
PART NUMBER	***As Listed: See Configuration Page***
PROCESSOR	
Intel Pentium® II w/MMX	Yes
Available processor speeds	233MHz or 266 Mhz ***(As Listed: See Configuration Page)***
Integrated Coprocessor	Yes
Processor Cache (L1) Capacity	32KB: (16KB code; 16KB data)
Bus Speed	66 MHz
LEVEL 2 (L2) CACHE	**Yes: 512KB** Pipeline Burst SRAM ***Integrated into CPU***
Data Bus Width/Address Bus Width	64-bit/64-bit
Local Clock Bus Speed	Half of the Processor clock (116 MHz or 133MHz)
SYSTEM BOARD	
Form Factor	NLX
Chipset	82440LX
Down Components	
I/O Controller	Yes
Graphics Controller	ATI Rage Pro 2X AGP
Audio Controller	Crystal Audio CS4236B
SYSTEM ARCHITECTURE	
Form Factor	NLX Riser Adapter (1-PCI and 1-PCI/ISA)
PCI BUS (V2.1): (32-bit, 33mhz)	Yes: 1-Half-length slot
ISA BUS: (16-bit, 8MHz)	Yes: 1-Shared PCI/ISA half-length slot
HARDWARE MONITORING (DMI ASIC)	Yes: LM78 (Voltage, Temperature, Fan Speed, and Chasis Intrusion)
MEMORY: SDRAM	
Type	168-pin SDRAM DIMM's with gold-plated contacts, unbuffered
Available Standard Configurations (x*32MB)	32 MB or 64MB ***(As Listed: See Configuration Page)***
Maximum	256 MB
ECC/Parity Support	Optional (No parity standard)
Local Clock Bus Speed	66 MHz
Socket type:	(2) 168-pin gold plated DIMM sockets: Accepts 16/32/64/128MB memory
BIOS (2Mbit FLASH EEPROM, 256KB)	Yes
PnP 1.0a Support	Yes
Advanced Power Management 1.2 (APM)	Yes
DMI 2.0 Compliant	Yes
UDMA - 33	Yes
POST	Yes
Machine ID	Yes
DPMS Support	Yes
Toshiba Secure Sleep	Yes
SOUND SYSTEM	
Chipsets:	Crystal CS4236B
Compatibility	Yamaha OPL3 and MPU-401
FM Synthesis	Yes
16-bit stereo audio *full duplexed*	Yes
Built-in microphone	No

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EQUIUM 7000S Series Specifications

PLATFORM (con.)

SERIES NAME	**EQUIUM 7000S**
PART NUMBER	***As Listed: See Configuration Page***
EXTERNAL INTERFACES	**All ports color coded for easy installation**
One RJ-45 port	***As Listed: See Configuration Page***
Two 9/25-Pin Serial (16550 UART compliant)	Yes
Universal Serial Bus ports[1]	Supports 2 USB peripherals without external hub
One 25-Pin Parallel	Yes: Supports EPP, ECP
One 15-Pin RGB (SVGA video)	Yes
One (PS/2) Mouse Port	Yes
One (PS/2) Windows 95 104 Keyboard	Yes
Microphone (3.5mm mini jack, monaural)	Yes
Line-out (3.5mm mini jack, stereo, 0.7V rms)	Yes
AC IN (Standard 3 prong)	Yes
VIDEO	
Video Memory: SGRAM	2 MB expandable to 6MB (via SO-DIMM socket)
Speed	40ns
Data Bus Width	64-bit
Clock Speed	100 MHz
Graphic Controller	
Standards Supported	DPMS Power Managment, DDC1, DDC2B, PnP Compliant
Local Bus support	Yes: PCI Bus (33 Mhz, 32-bit)
Controller Chip	ATI 3D Rage Pro (AGP -- Accelerated Graphics Port)
Connected Bus type	AGP 1.0
Bus Speed	133 MHz
64-bit BitBLT Engine	Yes
2D Supported Features	BitBLT, Hardware Cursor (up to 64 x 64 x 2), DirectDraw, Retangle Fill,Line Draw, Polygon Fill, Panning/Scrolling, Bit Masking, Monochrome Expansion, Scssoring and full ROP support
3D Supported Features	Yes: supports 24-bit color
AGP Support	Yes: (133mhz with sidebands and pipelining 64-bit PCI Graphics Accelerator)
Triangle Setup	Yes
Modeling	Fogging, lighting
Shading	Gouraud shading
Rendering	Texture mapping: Bilinear,Trilinear, Anti-aliasing, MIP mapping, Z-Buffering
Alpha-blending	Yes
Direct3D support	Yes
QuickDraw 3D RAVE support	Yes
Open GL support	Yes
Digital Video Accelerator	
YUV Color Space Conversion	Yes: Off-loads conversion from CPU for higher performance full motion video without compromising picture quality or frame rate.
Scaling/ Interpolation	Yes: vertical & horizontal
Direct Video, DirectMPEG	Yes
Motion Compensation	Yes

SUPPORTED VIDEO RESOLUTIONS (Non-interlaced unless otherwise specified)	**Colors/ Refresh Rate 2MB Memory**		**Colors/ Refresh Rate 4MB Memory**	
640 x 480	32-bit	90 Hz	32-bit	120 Hz
800 x 600	24-bit (16.7M)	70 Hz	32-bit	120 Hz
1024 x 768	16-bit (64K)	75 Hz	32-bit	90 Hz
1152 x 864	16-bit (64K)	43 Hz	32-bit	47 Hz
1280 x 1024	8-bit (256)	75 Hz	24-bit (16.7M)	70 Hz

1. Both ports operate from a single controller allowing 128 devices total, not per port. Throughput for the Universal Serial Bus (UBS) is 12Mbits/sec.

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EQUIUM 7000S Series Specifications

CHASSIS (SLIMLINE DESIGN)				
SERIES NAME		**EQUIUM 7000S**		
PART NUMBER		***As Listed: See Configuration Page***		
EXPANSION BAY		**TOTAL**	**AVAILABLE**	**CONFIGURED**
	Internal 3.5”	1	1	1 (HDD)
	5.25”	0	0	0
	External 3.5”	1	0	1 (FDD)
As Listed: See Configuration Page	5.25”	1	0	1 (CD-ROM)
EXPANSION SLOTS		**TOTAL**	**AVAILABLE**	**CONFIGURED**
PCI: Half-Length		1	1	0
PCI/ISA Shared: Half-length		1	1	0
POWER SUPPLY(145Watts)				
Input (Voltage/Frequency)		115-230V; 50-60Hz		
Cord Length		6 feet		
SUPPORTED SAFETY STANDARDS				
	US/Canada	UL 1950 - CSA950-95, 3rd Edition, 7/28/95		
		CSA22.2 No.950-93, 3rd Edition		
		ICES-003, Issue 2		
		FCC Class B		
	Europe	EN 60950 w/Nordic deviation		
		CE Mark		
		EN61000-4-2 (IEC 801-2), EN61000-4-3 (IEC 801-3), EN61000-4-4		
		TUV/GS Mark		
	Japan	EN61000-4-5, VCCI Class 2 (ITE)		
CERTIFICATIONS: Windows 95 & Windows NT logo, Novell Client, Energy Star				
HARDWARE COMPLIANT: PC97, PC98, Wired For Management (WfM)				
SECURITY				
	Hardware	Chasis Lock (key mechanism/padlock) -- *Lock not included*		
	Keyboard/Mouse Lock	Secure sleep		
	Miscellaneous	Screen blank		
	Password Support	Power-on, Supervisor/Administrator, User, Sleep		
DIMENSIONS		16.10”W x 14.84”D x 3.86”H		
WEIGHT (w/o CD-ROM)		17.16 lbs.		
(w CD-ROM)		19.36 lbs.		
BUNDLED SOFTWARE: Windows 95 ***or*** Windows NT Workstation v4.0 w/WindowsNT Service Pack 3 (optional); Intel LanDesk Client Manager 3.1; Microsoft Internet Explorer 4.0.; Expert Intelligent Help(SystemWizard v1.4) Online User’s Guide				
CD’s Included: Backup CD, Recovery CD				
WARRANTY: 3 Yr. Parts/One Yr. Labor (First Yr. On-site); 24 x 7 Dedicated technical support				

ENVIRONMENTAL SPECIFICATIONS	**Operating**	**Non-operating**
Temperature:	50°F (10°C) to 95°F (35°C)	-4°F (-20°C) to 140°F (60°C)
Packaged: -30°C to 70°C	--	--
Relative Humidity:	30% to 80% non-condensing	10% to 90% non-condensing
Shock:	10G; 1.5G w/CD-ROM installed	60G; 10G w/CD-ROM installed
Vibration (5~150Hz f/30 minutes, each axis)	0.3G	0.6G
Packaged: 1.0G	--	--

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EQUIUM 7000S Series Specifications

COMPONENT	
SERIES NAME	**EQUIUM 7000S**
PART NUMBER	***As Listed: See Configuration Page***
STORAGE	
FDD	3.5" 1.44MB Floppy Disk Drive
HDD (3.5"Half-height Enhanced IDE)	***As Listed: See Configuration Page***
Type	Removable, SMART, Ultra-DMA
Capacity options	2.1GB; 3.2GB; 4.3GB ***(As Listed: See Configuration Page)***
Buffer	256KB
Access Time	<9.7 msec
Ultra DMA	Yes
Burst Data Transfer Rate	Ultra DMA Mode2 (33.0MB/sec); PIO Mode 4 (16.7MB/sec)
Certifications	SMART, UDMA-33, Energy Star
Controller	Integrated (ATA-4)
CD-ROM:	***As Listed: See Configuration Page***
Available options	No CD-ROM, 32X CD-ROM or DVD-ROM
CD-ROM speed	32X
Interface	ATAPI (Enhanced IDE)
Random Access Time	85 ms
Sustained Data Transfer Rate	16,700 KB/sec (16.7MB/sec DMA Mode 1)
Supported Disk Formats	Multisession Photo-CD, CD-Extra, CD-ROM XA, CD-I, Video CD, CD-G, CD-I Ready, MPC-3 Compliant, Red Book, Yellow Book, Plug and Play
ETHERNET SUPPORT	***As Listed: See Configuration Page***
Form Factor	NSX Riser
Model	Intel® EtherExpress™ PRO PCI
Chipset	i82558
Support Network	100Base-TX, 10Base T
Port	RJ 45 (with Connection Status LED and Ethernet Speed LED)
Wake on LAN	Yes

KEYBOARD (PS/2)	***As Listed: See Configuration Page***	
	Mult-function Keyboard Option	Value Keyboard Option
Enhanced 104-key keyboard	Yes	Yes
Windows 95 support	Yes	Yes
Total Number of Hot Keys	14	None
Application Launch keys	6	Not Applicable
CD keys	4	Not Applicable
Volume keys	3	Not Applicable
Sleep keys	1	Not Applicable
3.5mm Travel	Yes	Yes
12 dedicated function keys	Yes	Yes
Numeric keypad	Yes	Yes
Keyboard tilt	Yes	Yes
Detatchable palm rest	Yes	No
Scroll Lock, CapsLock, NumLock Indicators	Yes	Yes

POINTING DEVICE	
PS/2 Mouse	Yes: 2 Button with 6 foot cable

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